Spoorthi BS

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SUMMARY

Experienced Software Developer with expertise in Python, Flask, and machine learning algorithms. Skilled in designing and deploying scalable applications, developing APIs, and integrating advanced technologies to solve complex problems. Strong collaborator with a passion for leveraging technology to drive innovation and achieve business goals.

WORK EXPERIENCE

LDAPP Solutions pvt ltd.

Software Developer   April 2024 - 2025

• Proficient in developing and deploying scalable web applications using Python and Flask.
• Experienced in designing and implementing machine learning algorithms for data-driven solutions.
• Skilled in integrating ML models into production environments for real-world applications.
• Strong understanding of RESTful API development and microservices architecture.

EDUCATION

BGS Institution of Technology, Mandya

Bachelor of Engineering(ISE) - 8.41
August-2019 - June-2023

PROJECT

Earthquake Prediction Using Machine Learning Algorithms   Sep-2022 - Mar-2023
• Developed a machine learning-based system to predict the likelihood and intensity of earthquakes using historical seismic data.
• Collected and preprocessed geospatial and temporal earthquake datasets, ensuring data quality and consistency.
• Implemented predictive models using algorithms such as Random Forest, Support Vector Machines (SVM), and Gradient Boosting to analyze seismic activity patterns..
• Contributed to understanding how machine learning can be applied to real-world challenges in geoscience.

Chatbot and Virtual Try-On Application for E-com Tunii Website   April 2024 - Present
Development of Chatbot and Virtual Try-On Application for Tunii E-commerce Website april 2024 • Designed and implemented an intelligent chatbot for the Tuni e-commerce platform to enhance user engagement and provide real-time support. • Developed a virtual try-on application using Python and Flask, enabling users to visualize products (e.g., clothing) in a realistic, interactive manner before purchase. • Integrated machine learning models to facilitate features such as product recommendations and image processing for try-on functionality. • Utilized Firebase for dynamic image fetching and storage, ensuring seamless product display and user experience

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SKILLS

Front-end: HTML, Css, JavaScript
Back-end: Python,Node.js   Tools: Git, Flask

CERTIFICATE

 AWS Certified Cloud Practitioner
Microsoft Power BI

LANGUAGE

English
Kannada